

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims.

1. (Currently amended) A method of providing a network turbo boost service, the method comprising:

receiving at a service provider system turbo boost triggering criteria, at least one of the turbo boost triggering criteria defined by a user of the network turbo boost service, the turbo boost triggering criteria received via a user interface provided by the network turbo boost service;

monitoring, at the service provider system, a network for a task that meets the turbo boost triggering criteria; and

if the monitoring results in locating the task that meets the turbo boost triggering criteria then automatically invoking by the service provider system the network turbo boost service for the task;

wherein the turbo boost triggering criteria includes a network-based trigger; and

wherein a portion of the turbo boost triggering criteria is defined by the service provider system, the portion of the turbo boost triggering criteria defined by the service provider system is stored in a default preference list, wherein at least one of the turbo boost triggering criteria in the default preference list is modifiable by the user, and at least one of the turbo boost triggering criteria in the default preference list is not modifiable by the user.

2. (Previously presented) The method of claim 1 wherein the turbo boost triggering criteria includes:

a user client-based trigger.

3. (Currently amended) The method of claim 1 wherein the network-based trigger includes ~~at least one of~~:

detecting an incoming file that is larger than a pre-selected size; ~~and~~

~~detecting a destination address that is on a list of high transmission rate applications.~~

4. (Currently amended) The method of claim 2 wherein the user client-based trigger includes ~~at least one of~~:

detecting that the user has requested the network turbo boost service; ~~and~~

detecting an outgoing file that is larger than a pre-selected size; ~~and~~

~~detecting a file transfer time that is larger than a pre-selected time.~~

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Previously presented) The method of claim 1 wherein the turbo boost triggering criteria defined by the user includes a destination address of an application or file subject to the network turbo boost service.

10. (Previously presented) The method of claim 1 wherein the user is one of user client software, and an application program.

11. (Previously presented) The method of claim 1 wherein the task includes at least one of accessing a website, downloading and uploading data, streaming audio content and streaming video content.

12. (Cancelled)

13. (Cancelled)

14. (Previously presented) The method of claim 15 further comprising executing the task without the network turbo boost service if the user does not respond to the offer within a pre-selected time interval.

15. (Currently amended) A method of providing a network turbo boost service, the method comprising:

receiving at a service provider system turbo boost triggering criteria, at least one of the turbo boost triggering criteria defined by a user of the network turbo boost service, the turbo boost triggering criteria received via a user interface provided by the network turbo boost service;

monitoring, at the service provider system, a network for a task that meets the turbo boost triggering criteria;

if the monitoring results in locating the task that meets the turbo boost triggering criteria then transmitting an offer to the user to invoke the network turbo boost service for the task; and

invoking the network turbo boost service for the task if the user responds to the offer by requesting that the network turbo boost service be invoked for the task;

wherein the turbo boost triggering criteria includes a network-based trigger; and

wherein a portion of the turbo boost triggering criteria is defined by the service provider system, the portion of the turbo boost triggering criteria defined by the service provider system is stored in a default preference list, wherein at least one of the turbo boost triggering criteria in the default preference list is modifiable by the user, and at least one of the turbo boost triggering criteria in the default preference list is not modifiable by the user.

16. (Previously presented) A method of providing a network turbo boost service, the method comprising:

receiving at a service provider system turbo boost automatic triggering criteria and turbo boost offer triggering criteria, at least one of the turbo boost automatic triggering criteria and at least one of the turbo boost offer triggering criteria defined by a user of the network turbo boost service, the turbo boost automatic triggering criteria and the turbo boost offer triggering criteria received via a user interface provided by the network turbo boost service;

monitoring, at the service provider system, a network for a task that meets one of the turbo boost offer triggering criteria and the turbo boost automatic triggering criteria;

if the monitoring results in locating the task that meets the turbo boost offer triggering criteria then transmitting an offer to the user to invoke the network turbo boost service for the task that meets the turbo boost offer triggering criteria;

invoking the network turbo boost service for the task that meets the turbo offer triggering criteria if the user responds to the offer by requesting that the network turbo boost service be invoked, wherein the turbo offer triggering criteria includes one of: when a large incoming file is detected; when a large outgoing file is detected; when a destination address is on a list of high transmission rate applications; and when a request is received from an application that requires downloading of application code data; and

if the monitoring results in locating the task that meets the turbo boost automatic triggering criteria then invoking the network turbo boost service for the task that meets the turbo boost automatic triggering criteria;

wherein the turbo boost automatic triggering criteria includes a network-based trigger.

17. (Previously presented) A system of providing a network turbo boost service, the system comprising:

a service provider system in communication with a network, the service provider system comprising:

a trigger profile system for receiving turbo boost triggering criteria, at least one of the turbo boost triggering criteria defined by a user of the network turbo boost service, the turbo boost triggering criteria received via a user interface provided by the network turbo boost service,

a trigger detecting system for monitoring the network for a task that meets the turbo boost triggering criteria; and

trigger processing logic including instructions to implement a method comprising:

if the monitoring of the network by the trigger detecting system results in locating the task that meets the turbo boost triggering criteria then transmitting an offer to the user via the network to invoke the network turbo boost service for the task, and

invoking the network turbo boost service for the task if the user responds to the offer via the network by requesting that the network turbo boost service be invoked for the task;

wherein the turbo boost triggering criteria includes a network-based trigger.

18. (Cancelled) The system of claim 17 wherein the network is the Internet.

19. (Original) The system of claim 17 wherein the network is a broadband network.

20. (Previously presented) A computer program product providing a network turbo boost service, the computer program product comprising:

a non-transitory storage medium readable by a processing circuit and storing instructions for execution by the processing circuit and when executed by the processing circuit, causing the processing circuit to perform a method comprising:

receiving turbo boost triggering criteria, at least one of the turbo boost triggering criteria defined by a user of the network turbo boost service, the turbo boost triggering criteria received via a user interface provided by the network turbo boost service;

monitoring a network for a task that meets the turbo boost triggering criteria;

if the monitoring results in locating the task that meets the turbo boost triggering criteria then transmitting an offer to the user to invoke the network turbo boost service for the task; and

invoking the network turbo boost service for the task if the user responds to the offer by requesting that the network turbo boost service be invoked for the task;

wherein the turbo boost triggering criteria includes a network-based trigger.

21. (Previously presented) A computer program product providing a network turbo boost service, the computer program product comprising:

a non-transitory storage medium readable by a processing circuit and storing instructions for execution by the processing circuit for facilitating a method comprising:

receiving a set of at least one available network turbo boost triggering options, where the set of at least one available network turbo boost triggering options includes destination addresses for which high speed transfer on a network will be recommended, and one of being notified when a large incoming file is detected, being notified when a large outgoing file is detected, being notified when a destination address is on a list of high transmission rate applications, and being notified when a request is received from an application that typically requires downloading of application code data, where the application that typically requires downloading of application code data includes service packs, and software updates, where the list of high transmission rate applications includes video conferencing sites and gaming sites, and where the destination addresses include a gaming application address and a video conferencing address;

offering the available network turbo boost triggering options to a user;

detecting selection of a network turbo boost triggering options by the user;

and

communicating the selection of the network turbo boost triggering option to a network service provider system;

wherein the application that typically requires downloading of application code data executes on an application provider system separate from a network service provider system, and the request is generated by the application that typically requires downloading of application code data independent of information about a current traffic load on the network;

wherein at least one of the network turbo boost triggering options is defined

by the user.

22. (Previously presented) The computer program product of claim 21 wherein the offering the available network turbo boost triggering option to a user is performed via a graphical user interface.

23. (Previously presented) The computer program product of claim 21 wherein the offering the available network turbo boost triggering option to a user is performed via a textual user interface.

24. (Previously presented) A computer program product for providing a network turbo boost service, the computer program product comprising:

a non-transitory storage medium readable by a processing circuit and storing instructions for execution by the processing circuit for performing a method comprising:

receiving a set of at least one available network turbo boost triggering options, where the set of at least one available network turbo boost triggering options includes destination addresses for which high speed transfer on a network will be recommended, and one of being notified when a large incoming file is detected, being notified when a large outgoing file is detected, being notified when a destination address is on a list of high transmission rate applications, and being notified when a request is received from an application that typically requires downloading of application code data, where the application that typically requires downloading of application code data includes service packs, and software updates, where the list of high transmission rate applications includes video conferencing sites and gaming sites, and where the destination addresses include a gaming application address and a video conferencing address;

selecting at least one of the network turbo boost triggering options;

communicating the selection of the at least one network turbo boost triggering option to a network service provider system;

wherein the application that typically requires downloading of application code data executes on an application provider system separate from a network service provider system, and the request is generated by the application that typically requires downloading of application code data independent of information about a current traffic load on the network; and

wherein at least one of the network turbo boost triggering options is defined by a user.

25. (Previously presented) The computer program product of claim 24 wherein the receiving is in response to a request from a user system.

26. (New) The method of claim 1, wherein the network-based trigger includes:

detecting a destination address that is on a list of high transmission rate applications.

27. (New) The method of claim 1, wherein the user client-based trigger includes:

detecting a file transfer time that is larger than a pre-selected time.